

Abstract of the Disclosure

Provided is an apparatus and method for detecting finger-motion in a wireless manner through a small finger-motion detecting apparatus without an additional battery, which is inexpensive and convenient to use. The apparatus includes a finger-motion signal receiving unit, which outputs a wireless power signal and receives and reads a wireless finger-motion signal to determine the corresponding finger-motion, a finger-motion signal transmitting unit, which generates a predetermined amount of power using the wireless power signal, receives a finger-motion signal corresponding to finger-motion using the predetermined amount of power, modulates the finger-motion signal into a finger-motion signal having a predetermined frequency, and outputs the modulated finger-motion signal in a wireless manner, and a finger-motion detecting unit, which detects whether or not finger-motion exists and generates a finger-motion signal corresponding to the finger-motion.